

## Educational Qualifications and Experience for ACE sectors

\* Please note that assessors must carry all their qualification and experience certificates (original as well as photostat copies) along with them.

\* ISTC will not entertain any on the spot entry of Assessor as well as incomplete documents of Assessor appearing for the ACE Examination.

Sr.No.	Module	Sub-Module	Course Code	Qualifications		
1	Electronics	Repair and maintenance of Domestic Electronic Appliances	ELC 701	B.E./ B.Tech. in Electronics/ Electronics & Telecommunication / Electronics & Communication with one year experience in the relevant field		
				OR		
				Diploma in Electronics/ Electronics & Telecommunication/ Electronics & Communication from recognized board of technical education with two years experience in the relevant field.		
				OR		
						NTC/NAC in the relevant trade with three years' experience respectively in the relevant field.
		Repair and maintenance of Office Electronic Equipments	ELC 702	B.E./ B.Tech. in Electronics/ Electronics & Telecommunication / Electronics & Communication with one year experience in the relevant field		
				OR		
				Diploma in Electronics/ Electronics & Telecommunication/ Electronics & Communication from recognized board of technical education with two years experience in the relevant field.		
				OR		
						NTC/NAC in the relevant trade with three years' experience respectively in the relevant field.
		Repair and maintenance of Personal Electronic Devices	ELC 703	B.E./ B.Tech. in Electronics/ Electronics & Telecommunication / Electronics & Communication with one year experience in the relevant field		
				OR		
Diploma in Electronics/ Electronics & Telecommunication/ Electronics & Communication from recognized board of technical education with two years experience in the relevant field.						
OR						
				NTC/NAC in the relevant trade with three years' experience respectively in the relevant field.		

2	Electrical	Electrician Domestic	ELE 701	Degree in Electrical Engineering with one year Experience
				OR
				Diploma in Electrical Engineering with two year Experience
				OR
		Electrician Transmission line	ELE 702	Degree in Electrical Engineering with one year Experience
				OR
				Diploma in Electrical Engineering with two year Experience
				OR
3	Production & Manufacturing	Turning	MAN 701	Degree in Mechanical Engineering with one year Experience
				OR
				Diploma in Mechanical Engineering with two year Experience
				OR
		CNC Turning	MAN 702	Degree in Mechanical Engineering with one year Experience
				OR
				Diploma in Mechanical Engineering with two year Experience
				OR
		Milling	MAN 703	Degree in Mechanical Engineering with one year Experience
				OR
				Diploma in Mechanical Engineering with two year Experience
				OR
CNC Milling	MAN 704	Degree in Mechanical Engineering with one year Experience		
		OR		
		Diploma in Mechanical Engineering with two year Experience		
		OR		
				NTC/ NAC in Mechanist Trade Group with three years of Experience

Drafting	MAN 705	Degree in Mechanical Engineering with one year Experience
		OR
		Diploma in Mechanical Engineering with two year Experience
		OR
		NTC/ NAC in Draughtsman(Mech) Trade Group with three years of Experience
Grinding	MAN 706	Degree in Mechanical Engineering with one year Experience
		OR
		Diploma in Mechanical Engineering with two year Experience
		OR
		NTC/ NAC in Mechanist(Grinder) Trade Group with three years of Experience
Die Inspection & Handling	MAN 707	Degree in Mechanical Engineering with one year Experience
		OR
		Diploma in Mechanical Engineering with two year Experience
		OR
		NTC/ NAC in Tool & Die Maker(Dies & Moulds) Trade Group with three years of Experience
CNC Installation & Commissioning	MAN 710	Degree in Mechanical / Electronics / Electrical / Production / Industrial Engineering with one year Experience in CNC Operation and Maintenance
		OR
		Diploma in Mechanical / Electronics / Electrical Engineering with two years experience in CNC Operation and Maintenance
		OR
		NTC/ NAC in any Trade with three years experience in CNC machine operation and maintenance.
Operator Centreless Grinding	MAN 717	Degree in Mechanical Engineering with one year experience in relevant field
		OR
		Diploma in Mechanical Engineering with two years experience in relevant field
		OR
		NTC/NAC in the trade with three years experience in the relevant field

4	Automotive Repair	Basic Automotive Servicing 2 wheeler 3 wheeler	AUR 701	Degree in Automobile Engineering with one year Experience		
				OR		
				Diploma in Automobile Engineering with two year Experience		
				OR		
						NTC/ NAC in Automobile Trade Group with three years of Experience
		Basic Automotive Servicing 4 wheeler	AUR 702	Degree in Automobile/ Mechanical Engineering with one year Experience		
				OR		
				Diploma in Automobile/ Mechanical Engineering with two year Experience		
				OR		
						NTC/ NAC in Automobile Trade Group with three years of Experience
		Driver cum Mechanic	AUR 703	Degree in Automobile/ Mechanical Engineering with one year Experience		
				OR		
				Diploma in Automobile/ Mechanical Engineering with two year Experience		
				OR		
						NTC/ NAC in Automobile Trade Group with three years of Experience
		Repairing of Auto Electrical, Electronic and Air Conditioning System	AUR 707	Degree in Automobile/ Mechanical Engineering with one year Experience		
				OR		
				Diploma in Automobile/ Mechanical Engineering with two year Experience		
				OR		
						NTC/ NAC in Automobile Trade Group with three years of Experience
		Auto Body Repair Denting and Painting	AUR 709	Degree in Automobile Engineering with one year Experience		
				OR		
				Diploma in Automobile Engineering with two year Experience		
				OR		
				NTC/ NAC in Automobile Trade Group with three years of Experience		
Basic Car Servicing	AUR 710	Degree in Automobile/ Mechanical Engineering with one year Experience				
		OR				
		Diploma in Automobile/ Mechanical Engineering with two year Experience				
		OR				
				NTC/ NAC in Automobile Trade Group with three years of Experience		

5	Information And Communication Technology	Accounts Assistant using Tally	ICT 701	B Tech in CS/IT, MCA with knowledge in Tally and min. one year experience in Accounting
				OR
				B.Sc (Computer Science), MSC(Computer Science), PGDCA and NIELIT-B level and min. one year experience in Accounting
				OR
				Diploma in Computer Engineering, BCA, NIELIT A Level, Graduate with Certificate Course in Tally with min. two years of experience in Accounting
		OR		
		NTC/ NAC with knowledge in Tally and min. three years of experience in Accounting		
		DTP and Print Publishing Assistant	ICT 702	Degree in Print Technology with one year Experience
				OR
				Diploma in Print Technology with two years of Experience
				OR
		NTC/ NAC in DTPO Trade with three years of Experience		
		Computer Hardware Assistant	ICT 703	B.E. / B.Tech. in Computer Engineering /IT, MCA, NIELIT-B Level with one year Experience
				OR
				B.Sc (Computer Science), MSC(Computer Science), PGDCA and NIELIT-B level and min. one year experience in Accounting
OR				
Diploma(three years) in Computer Engineering/IT, BCA,NIELIT A Level with two years of Experience				
OR				
NTC/ NAC in Computer Hardware & Network Maintenance/ICTSM Trade with three years of Experience				

Computer Network Assistant	ICT 704	B.E. / B.Tech. in Computer Engineering /IT, MCA, NIELIT-B Level with one year Experience
		OR
		B.Sc (Computer Science), MSC(Computer Science), PGDCA and NIELIT-B level and min. one year experience in Accounting
		OR
		Diploma(three years) in Computer Engineering/IT, BCA,NIELIT A Level with two years of Experience
		OR
		NTC/ NAC in Computer Hardware & Network Maintenance/ICTSM Trade with three years of Experience
BPO- Non Voice	ICT 705	Degree in Business Administration and Knowledge in English
		OR
BPO Voice	ICT 706	Diploma in Business Administration and Knowledge in English
		OR
Web Designing and Publishing Assistant	ICT 707	Degree in Business Administration and Knowledge in English
		OR
		Diploma in Business Administration and Knowledge in English
		OR
		Diploma(three years) in Computer Engineering/IT, BCA,NIELIT A Level with two years of Experience
		OR
		NTC/ NAC in COPA Trade with three years of Experience
Animation and Multimedia Assistant	ICT 708	B.E. / B.Tech. in Computer Engineering /IT, MCA, NIELIT-B Level with one year Experience
		OR
		Diploma in Print Technology with two years of Experience
		OR
		NTC/ NAC in DTP Trade with three years of Experience

		Media Developer Assistant	ICT 709	B.E. / B.Tech. in Computer Engineering /IT, MCA, NIELIT-B Level with one year Experience
				OR
				B.Sc (Computer Science), MSC(Computer Science), PGDCA and NIELIT-B level and min. one year experience in Accounting
				OR
				Diploma(three years) in Computer Engineering/IT, BCA,NIELIT A Level with two years of Experience
				OR
				NTC/ NAC in DTP / Multimedia, Animation & Special Effects Trade with three years of Experience
6	Industrial Electrical	Electrician Industrial	IEL 701	Degree in Electrical Engineering with one year Experience
				OR
				Diploma in Electrical Engineering with two year Experience
				OR
				NTC/ NAC in Electrical Trade Group with three years of Experience
7	MES Fabrication	Sheet Metal Worker (Panels, Cabins and Ducts)	FAB 209	Degree in Mechanical Engineering with one year Experience
				OR
				Diploma in Mechanical Engineering with two year Experience
				OR
				NTC/ NAC in Welder Trade Group with three years of Experience
		Arc and Gas Welder	FAB 701	Degree in Mechanical Engineering with one year Experience
				OR
				Diploma in Mechanical Engineering with two year Experience
				OR
				NTC/ NAC in Welder Trade Group with three years of Experience
		Welder (Repair and Maintenance)	FAB 706	Degree in Mechanical Engineering with one year Experience
				OR
				Diploma in Mechanical Engineering with two year Experience
				OR
				NTC/ NAC in Welder Trade Group with three years of Experience

8	Refrigeration and Air Conditioning	Repair and Maintenance of Central Air Conditioning Plant	REF 701	Degree in Mechanical Engineering with one year Experience
				OR
				Diploma in Mechanical Engineering with two year Experience
				OR
		Refrigeration/ Air Conditioning/ Ventilation Mechanic(Electric Control)	REF 702	Degree in Mechanical Engineering with one year Experience
				OR
				Diploma in Mechanical Engineering with two year Experience
				OR
		Repair and Maintenance of Refrigerator	REF 703	Degree in Mechanical Engineering with one year Experience
				OR
				Diploma in Mechanical Engineering with two year Experience
				OR
		Repair and maintenance of Automobile Air Conditioning	REF 704	Degree in Mechanical Engineering with one year Experience
				OR
				Diploma in Mechanical Engineering with two year Experience
				OR
		Repair and maintenance of Coolers	REF 705	Degree in Mechanical Engineering with one year Experience
				OR
				Diploma in Mechanical Engineering with two year Experience
				OR
		Repair and maintenance of Window and Split A.C	REF 706	Degree in Mechanical Engineering with one year Experience
				OR
				Diploma in Mechanical Engineering with two year Experience
				OR
NTC/ NAC in RAC Trade Group with three years of Experience				



9	Fire and Safety Engineering	Assistant Fire Operator	FRS 101	Degree in Fire and Safety Engineering/ Degree in Fire Science with one year experience in the relevant field.
				OR
				Post Graduate Diploma in Industrial Safety Engineering/ Fire and Industrial Safety Engineering/ Post Graduate Diploma in Health, Safety & Environmental with two years experience in the relevant field.
		Fire and Rescue Operator	FRS 202	Defence Officer JCOs/Paramilitary/ Police Officers with 10 years experience in the relevant field.
				OR
				National Examination Board Occupational Safety and Health (NEBOSH)/ Occupational Safety and Health Administrator (OSHA) Certification with one year experience in the relevant field.
10	Soft Skills	Soft Skills for Base Line Staff in Service sector	SS 101	MBA/ BBA/ Master of Information Technology with two years experience
				OR
				Graduate in Science/ Sociology/ Social Welfare/ Economics with two years of experience
		Spoken English and Communication Skill	SS 102	Graduate/ Graduate with B.Ed/ Diploma with two years of experience and trained in Employability Skills from DGT institutes or Other Institute.
				AND
				Must have studied English/ Communication Skills and Basic Computer at 12th/ Graduate/ Diploma level and above may be engaged.

11	Renewable Energy	Solar electric System Installer and Service Provider	RNE 701	Degree in Electrical Engineering with one year Experience
				OR
				Diploma in Electrical Engineering with two year Experience
				OR
		Solar Hot Water syatem installer (Domestic system upto 2000L)- including servicing	RNE 702	Degree in Electrical Engineering with one year Experience
				OR
				Diploma in Electrical Engineering with two year Experience
				OR
		Manufacturing Assistant-Solar Hot Water	RNE 703	Degree in Electrical Engineering with one year Experience
				OR
				Diploma in Electrical Engineering with two year Experience
				OR
		Assistant Solar PV Technician	RNE 704	Degree in Electrical Engineering with one year experience in Solar PV Project
				OR
				Diploma in Electrical Engineering with Two years Solar PV project
				OR
		Solar PV Technician	RNE 805	Degree in Electrical Engineering with one year experience in Solar PV Project
				OR
				Diploma in Electrical Engineering with Two years Solar PV project
				OR
NTC/NAC in Electrician trade with 5 year Experience as Solar PV Technician				

12	Agriculture	Repair, Maintenance & fieldoperation of tillage equipment	AGR 104	M.Sc in Biotechnology/ Agriculture/ Horticulture with two years experience in Tissue culture technique.
				OR
				Ph.D. in Biotechnology/ Agriculture/ Horticulture with two years experience in Tissue culture technique.
		Repair, Maintenance of Spraying & Dusting equipment	AGR 111	OR
				B.Sc in Agriculture/ Horticulture/ General withfour years experience in Tissue culture technique.
		Landscaping and Floriculture	AGR 129	M.Sc in Biotechnology/ Agriculture/ Horticulture with two years experience in Tissue culture technique.
				OR
				Ph.D. in Biotechnology/ Agriculture/ Horticulture with two years experience in Tissue culture technique.
		Fruit Cultivation	AGR 130	OR
				B.Sc in Agriculture/ Horticulture/ General withfour years experience in Tissue culture technique.
		Seed Production	AGR 131	M.Sc in Biotechnology/ Agriculture/ Horticulture with two years experience in Tissue culture technique.
				OR
				Ph.D. in Biotechnology/ Agriculture/ Horticulture with two years experience in Tissue culture technique.
		Mushroom Cultivation	AGR 132	OR
				B.Sc in Agriculture/ Horticulture/ General withfour years experience in Tissue culture technique.

	Vermiculturing & Vermicomposting	AGR 137	M.Sc in Biotechnology/ Agriculture/ Horticulture with two years experience in Tissue culture technique.
			OR
	Preservation of Fruits & Vegetables	AGR 138	Ph.D. in Biotechnology/ Agriculture/ Horticulture with two years experience in Tissue culture technique.
			OR
			B.Sc in Agriculture/ Horticulture/ General with four years experience in Tissue culture technique.